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FLUKE®

Fluke 61 Infrared Thermometer

Technical Data

The Fluke 61 Infrared Thermometer provides quick non-contact temperature measurement in a compact case surrounded with a protective holster. This instrument continues the Fluke tradition of providing rugged and reliable test tools.

Accurate and easy to use

The newest addition to the Fluke family of temperature products is the Fluke 61. This infrared thermometer is the ideal tool for measuring surface temperatures of rotating, hard-to-reach, electrically live, or dangerously hot targets. For preventative maintenance tasks, the Fluke 61 will cut measurement time to almost zero with the ability to take a temperature reading in less than one second.

Just press the green button and it comes alive. Targeting objects is easy with the bright laser beam. Even in the dark, the display is easy to read with its backlit screen.

Fluke 61 product highlights include:

- Bright laser beam provides easy targeting
- Display clearly supplies data at a glance
- Shock-absorbing holster increases ruggedness
- 0.2 °C (0. 5 °F) resolution
- Backlight illuminates the screen in the dark
- Automatic sleep mode after 7 seconds extends battery life
- Alkaline batteries provide 4000 typical measurements

Measurement specifications

Range	-18 C to 275 °C (0 °F to 525 °F)
Resolution	0.2 °C (0.5 °F)
Repeatability	+/- 2% of reading or 2 °C (3.5 °F) whichever is greater
Accuracy	+/- 3 °C (5 °F) for targets between -18 °C (0 °F) to -1 °C (30 °F) +/- 2% of reading or 2 °C (3.5 °F) for targets above -1 °C (30 °F) to 275 °C (525 °F) [with the instrument stable between 23-25 °C]
Optical Resolution	8:1 Distance to Spot Size Ratio
Emissivity	Fixed at 0.95
Batteries	9 V alkaline, (included)

Fluke. *Keeping your world up and running.*

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